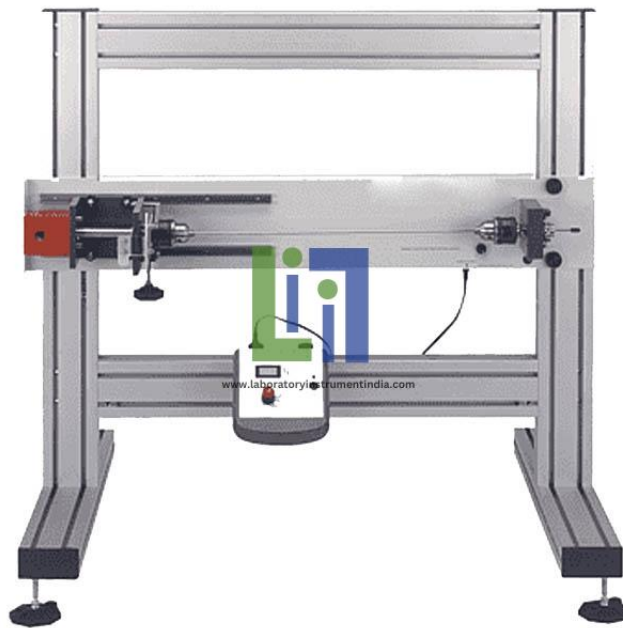




Email : sales@laboratoryinstrumentindia.com

Product Name :
Torsion Of Circular Sections

Product Code :
LBNY-0005-13900058



Description :

The experiments hardware fits onto a Structures Test Frame .It examines the behavior in the elastic region of solid and tubular-section specimens.

The lecturer guide provides details of the equipment including sample experiment results. The student guide describes how to use the equipment and gives experiment procedures.

A load cell on the other chuck measures torque. The equipment includes a lead to connect the load cell to a Digital Force Display. To vary the test length of a specimen, one chuck can traverse the backboard. Two chucks on a backboard hold a test specimen. A mechanism on one chuck applies torque manually to the specimen. A protractor scale on this chuck measures angular movement. Included is an electronic angular transducer for use with the optional Automatic Data Acquisition Unit.

The virtual experiments simulate the tests you can perform with the hardware. They also extend the choice of tests beyond that available using only the hardware, for example: higher loads, uniform loads or different test specimens. For extra experiments, All can supply the optional All Structures Software for use on a suitable computer. This extends the students learning experience.

For automatic data acquisition of your experiment results, All can supply the optional Automatic Data Acquisition Unit Supplied as standard with the is All Structures Software which displays and logs your experiment results and gives the extra virtual experiments.

Technical Specification :

Torsion Of Circular Sections



Laboratory Instrument India